

State of California - The Resources Agency
Department of Fish and Game
Marine Resources Region
Long Beach, California

PRE-CRUISE 72-KB-19

BIG GAME FISHERIES INVESTIGATIONS

Prepared by Donald L. Schultze

Vessel: "KELP BASS"

Dates: August 15-24, 1972

Locality: Inshore waters of northern Baja California, San Martin Island and Los Coronados Islands.

Purpose:

1. To collect white seabass, *Cynoscion nobilis* for fecundity, length weight and sub-population studies and California barracuda, *Sphyrna argentea* for size composition.
2. To tag and release any white seabass, Pacific bonito, *Sarda chiliensis*, Pacific mackerel, *Scomber japonicus*, jack mackerel, *Trachurus symmetricus* and Pacific albacore, *Thunnus alalunga* taken.
3. To make incidental collections as requested by other projects.

Procedure: Gill nets will be used to obtain samples for fecundity and sub-population studies. Trolling with jigs and fishing with live bait will be conducted to obtain fish for tagging and size composition. Fishing will also be conducted under nightlights.

Equipment: Gill nets, rods, reels, jig poles, bait tank, nightlight.

Personnel: Donald Schultze, Biologist-in-Charge
Charles Hooker, Biologist
Bill Maxwell, Biologist
Marco Mazarovich, Vessel Captain